



# DuPont™ Vydate® L

## insecticide/nematicide

### Technical Information

**Active Constituent:**  
240 g/L OXAMYL (an anticholinesterase compound)

**Pack Sizes:**  
10 L

GROUP	<b>1A</b>	INSECTICIDE
-------	-----------	-------------



**DANGEROUS POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

For the control of Nematodes in Banana plants, Capsicums, Sweetpotatoes and Tomatoes, and Banana weevil borers in Banana plants, as per the Directions for Use table

#### SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Product and spray are poisonous if absorbed by skin contact, inhaled or swallowed. Poisonous if absorbed through eyes. Repeated minor exposure may have a cumulative poisoning effect. Will damage eyes. May irritate the skin. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC gloves, goggles, impervious footwear and half-face piece respirator (AS 1715). If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash area with soap and water. If product in eyes wash it out immediately with water. After use and before eating, drinking, or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, respirator and if rubber, wash with detergent and warm water, and contaminated clothing.

#### FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 13 11 26) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

#### SAFETY DATA SHEET

For further information refer to the Safety Data Sheet that can be obtained from [www.cropprotection.dupont.com.au](http://www.cropprotection.dupont.com.au)

## GENERAL INSTRUCTIONS

DuPont™ Vydate® L is a carbamate systemic insecticide/nematicide, in the form of a water-soluble liquid. Vydate® L should only be used with the equipment specified on this label. Keep people without protective clothing out of operational areas during treatment.

### Insecticide Resistance Warning



For insecticide resistance management DuPont™ For insecticide resistance management DuPont™ Vydate® L insecticide/nematicide is a Group 1A insecticide.

Some naturally occurring insect biotypes resistant to Vydate® L and other Group 1A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Vydate® L or other Group 1A insecticides are used repeatedly. The effectiveness of Vydate® L on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use, DuPont accepts no liability for any losses that may result from the failure of this product to control resistant insects.

DuPont™ Vydate® L may be subject to specific resistance management strategies. For further information contact your local supplier, DuPont representative or local agricultural department agronomist.

### BANANAS – APPLICATION BY SPOTGUN®

The product acts as a larvicide for the control of Banana weevil borer.

#### Equipment – Spotgun® Method

The product should only be used with the specially designed and developed Vydate® L Spotgun® fitted with a coarse spray nozzle. The Vydate® L Spotgun® kit includes an EPDN seal, chemically resistant cylinder and short lance piece. Before using, prime the Spotgun® and set at the required dose. Ensure no air remains in the cylinder of the Spotgun®. For application, aim and squeeze the handle to produce a coarse spray. Allow the spring action to return and refill the cylinder. After each day's use, clean the Spotgun® thoroughly by flushing with water. Direct the rinsate onto the treated area.

#### Application – Spotgun® Method

Application of undiluted product should be to moist soil. Remove weeds, leaf trash and other plant material from the base of the plant before application. Apply with the specially designed Vydate® L Spotgun® applicator in a 30 cm semi-circular pattern to the butt of the developing plant and the soil surface. Once the sucker / follower has been selected, switch application from the mother plant to the follower.

Follow up rainfall or irrigation will enhance uptake of the chemical. Irrigation may be used to incorporate Vydate® L into the soil.

## CAPSICUMS, SWEETPOTATOES AND TOMATOES – APPLICATION BY TRICKLE OR DRIP IRRIGATION

### Equipment

DuPont™ Vydate® L should only be applied through direct injection into drip irrigation systems. Specialised equipment is required to dispense product from the container.

Ensure that the Vydate® L injection equipment is accurately calibrated to achieve the required application rates. Details of the injection technique are attached to the container.

### Application

Before application, establish if nematode populations warrant treatment. Information on paddock history and soil or root sampling can be used as guidelines.

Ensure that the Vydate® L injection equipment is accurately calibrated to achieve the required application rates. Apply Vydate® L during latter stages of irrigation. Thoroughly flush lines after application to remove all traces of product.

### Irrigation Management

DuPont™ Vydate® L treatments may be incorporated into the normal irrigation schedule at the recommended intervals. Rates of water penetration and percolation will vary greatly with method of irrigation, soil type, texture, organic matter, pH, slope and grade. Therefore irrigate the crop in a manner to firstly wet the root zone, then apply Vydate® L so as to distribute the product uniformly. After treatment, flush the irrigation system with sufficient fresh water to remove all traces of the product from the irrigation system, while ensuring that the Vydate® L remains in the root zone of the crop. Efficacy depends on even distribution throughout the tomato beds. Crop injury, lack of effectiveness or unacceptable residues in the crop may result from non-uniform distribution through the irrigation system.

### PROTECTION OF LIVESTOCK

Keep animals out of operational areas during treatment.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. **DO NOT** contaminate streams, rivers or waterways with the chemical or used containers.

### STORAGE AND DISPOSAL

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES.

Store in locked, well-ventilated room as cool as possible or place away from children, animals, food, feedstuffs, seed and fertilisers. **DO NOT** store for prolonged periods in direct sunlight.

Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of

waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

**IN A MEDICAL EMERGENCY CALL  
1800 674 415 All hours**

**NOTICE TO BUYER**

To the extent permitted by the Competition and Consumer Act (2010) or any relevant legislation of any State or Territory (the "Legislation") all conditions and warranties and statutory or other rights of action, whether arising in contract or tort or whether due to the negligence of DuPont or Seller, which buyer or any other user may have against DuPont or Seller are hereby excluded provided however that any rights of the buyer pursuant to non excludable conditions or warranties of the Legislation are expressly preserved. DuPont hereby gives notice to buyer and other users that to the extent permitted by the Legislation it will not accept responsibility for any indirect or consequential loss of whatsoever nature arising from the storage, handling or use of this Product. Where permitted by the Legislation DuPont's liability shall in all circumstances be limited to the replacement of the product, or a refund of the purchase price paid therefor.

The Product must be used and applied strictly in accordance with the label instructions and other directions for use. It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont or the Seller. Buyer accepts these risks.

Flammable liquid and vapour.  
Toxic to aquatic life with long lasting effects.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.  
. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Collect spillage.

APVMA Approval Number: 33297/58646

**DIRECTIONS FOR USE****BANANAS****RESTRAINTS:****DO NOT** apply to dry soil.**DO NOT** apply onto leaf trash or weeds.**DO NOT** apply during heavy rain.**APPLICATION BY SPOTGUN®**

Crop	State	Pest	Rate/Plant	Critical Comments
Bananas	NSW and Southern Qld only	Banana weevil borer ( <i>Cosmopolites sordidus</i> )	7.5 mL or 10 mL	Apply to moist soil. Apply at intervals of 3 months with 3 applications per season. Begin applications in spring when pest activity is on the increase, and reaches a threshold level of 1 weevil per trap. Use the higher rate if trap monitoring indicates the average adult weevil borer population is greater than 2 weevils per trap. Trap prior to each application.
		Burrowing nematode ( <i>Radopholus similis</i> ) Spiral Nematode ( <i>Helicotylenchus</i> spp.)	10 mL or 12.5 mL	Apply to moist soil. Apply at intervals of 3 months. Commence application in early spring when visual root examination indicates nematodes are present. Use the higher rate for previously untreated crops, or when root damage assessment indicates the presence of high nematode population.
	NT, WA and North Qld only	Banana weevil borer ( <i>Cosmopolites sordidus</i> )	10 mL	Apply to moist soil. Apply at intervals of 3 months with 3 applications per season. Begin applications in spring when pest activity is on the increase, and reaches a threshold level of 1 weevil per trap.
		Burrowing nematode ( <i>Radopholus similis</i> ) Spiral nematode ( <i>Helicotylenchus</i> spp.)	10 mL or 12.5 mL	Apply to moist soil. Apply at intervals of 3 months. Commence application in early spring when visual root examination indicates nematodes are present. Use the higher rate for previously untreated crops, or when root damage assessment indicates the presence of high nematode population.

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**CAPSICUMS, SWEETPOTATOES AND TOMATOES****RESTRAINTS:****DO NOT** apply other than through trickle/drip irrigation.**DO NOT** apply to dry soil.**APPLICATION BY TRICKLE OR DRIP IRRIGATION**

Crop	State	Pest	Rate/ha	Critical Comments
Capsicums, Tomatoes	NSW, NT, Qld, SA, Vic, WA only	Root knot nematode ( <i>Meloidogyne</i> spp.)	18 L/ha plus 4 applications of 2 L/ha	For initial application at transplanting, apply 18 L/ha to be followed by four applications of 2 L/ha applications at 14 day intervals. If crop growth is slowed and the period between the last application and the first harvest exceeds 30 days, a further application may be required to protect the plant from nematode infection during the peak harvest period. Prior to application ensure that soil is thoroughly moist.
Sweetpotatoes				For the initial application, apply 18 L/ha within 7 days of planting, followed by four applications of 2 L/ha each at 14 day intervals. Use "Full Stops" (wetting front detection device) to maximise placement of the Vydate L around the Sweetpotato root zone.

**NOT BE USED FOR ANY PURPOSE OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

**WITHHOLDING PERIOD****BANANAS****HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.****GRAZING****DO NOT GRAZE ANY TREATED AREA, OR CUT BANANA STEMS/FRONS FOR STOCKFOOD.****CAPSICUMS, SWEETPOTATOES AND TOMATOES: NOT REQUIRED WHEN USED AS DIRECTED.**

---

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill at their own discretion and risk. DuPont makes no warranties, expressed or implied, and assumes no liability in connection with any of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe on any patents.

Copyright © 2017 E.I. du Pont de Nemours and Company. All rights reserved.

The DuPont Oval Logo, DuPont™, and Vydate® are trademarks or registered trademarks of DuPont or its affiliates.

\* Non DuPont Trademark

Du Pont (Australia) Pty Ltd  
7 Eden Park Drive  
Macquarie Park NSW 2113  
Phone: (02) 9923 6111  
[www.cropprotection.dupont.com.au](http://www.cropprotection.dupont.com.au)

Emergency Telephone  
Transport Emergency: (02) 9923 6275  
24 hr Emergency Medical Information: 1800 674 415